SHESTAKOV, V.A., kand.tekhn.nauk; SNEGOV, A.I., gornyy inzh.;
BOUDAREV, K.D., gornyy inzh.; ALIYEV, A.A., gornyy inzh.;
AGZAMOV, K.Sh., gornyy inzh.; AERAMOV, N.P.

Using deep boreholes for breaking ore in the Sumsar Mine.
Gor. zhur. no.12:8-10 D '&. (MIRA 15:11)

1. Institut gornogo dela i metallurgii AN Kirgizskoy
SSR (for Shestakov, Suegov, Bondarev, Aliyev, Agzamov).
2. Sumsarskiy rudnik (for Abramov).
(Sumsar region-Boring-Labor productivity)
(Blasting)

Librat metrol of determining losses and depletion of ore in mining complex deposits (using the Khaydarken Mine as an example) lottmoi metod oppelelentia poter' i razubo-antivarita tog pri razmbatke alcahnyki mestoroademii (na princes kasidakanakogo ramika). Franze, Izd-vo "Ilim," 1961. 193 ;

LURHII, Mikhail Yegorovich; SHESTAKOV, Viktor Alekeandrovich,
YALMOV, Mariman Galimovich; MOSIKETS, V.M., otv. red.

[Underground mining systems in Kirghizia] Sistemy podzemnoi razrabothi na rudnikakh Kirgizii. Frunze, Izdvo "Ilim," 1965. 105 p. (MIRA 18:6)

MUKHIN, M.Ye., otv. red.; SHESTAKOV, V.A., red.; YALYMOV, N.G., red.; KUCHKIN, V.A., red.

[Improving systems of ore mining in unstable rock] Sovershenstvovanie sistem razrabotki rudnykh mestorozhdenii v neustoichivykh porodakh. Frunze, "Ilim," 1965.

(MIRA 18:11)

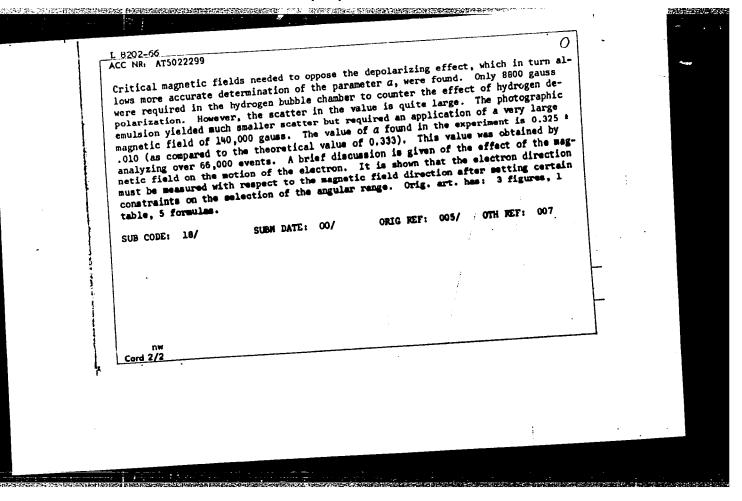
1. Akademiya nauk Kirgizskoy SSR, Frunze. Institut fiziki i mekhaniki gornykh porod.

<u>L</u>	. 2535-66 EWT(m)/EWA(d)/EWP(t)/EWP(x)/EWP(b) JD UR/0120/65/000/001/0182/0187 CCESSION NR: AP5021359 621.318.3:621.384.634 5.0		
AU	CCCESSION NO. 22		
r.	AUTHOR: Akhmanov, V. V.; Barkov, L. M.; Nikol'skiy, B. A.; Susoviyu, P.; Khakimov, S. Kh.; Shestakov, V. D.; Bobovikov, R. S.; Dobretsov, Yu. P.; Zamolodchikov, B. I. TITLE: An arrangement for producing pulsed magnetic fields of strengths up to 150	,	
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8	80URCE: Pribory i tekhnika eksperimenta, no. 4, 1965, 182-187	•	
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	TOPIC TAGS: pulsed magnetic field, to producing a pulsed magnetic field of ABSTRACT: The units of an apparatus for producing a pulsed magnetic field of 1146 kilogauss in a space of about 600 cm ³ are described. Pulsed magnets for benchmark of 0.1 farsd capacitance. The capacitance powered by a capacitor bank of 0.1 farsd capacitance, and a	tors	
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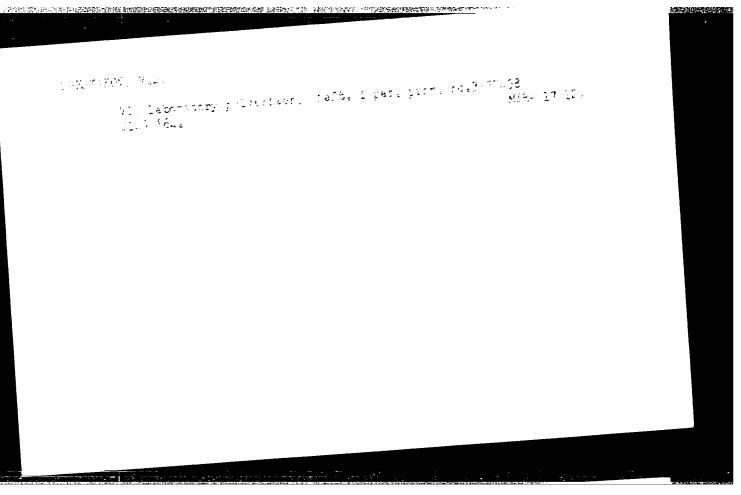
ignitron when proper heating and cooling were maintained prior to switching in the field secured operation without breakdown for 20—40 hr at a switching rate of field secured operation of the pulsed magnet with the synchrocyclotron required 10/min. The joint operation of the pulsed magnet with the synchrocyclotron required some rearrangement of the control system to guarantee that no particle was emitted without accompaniment of a pulsed magnetic field. "The authors are grateful to I. I. Gurevich and V. F. Drhelpov for their constant. The muthors are grateful to I. I. Gurevich and V. F. Drhelpov for their constant interest and help in the work. The authors express their thanks to V. I. Smirnov, I. M. F. Ye. Gugnin, I. P. Lavrushkin, Yu. V. Maksimov, A. V. Bhestov, V. I. Ivanov, I. M. T. Berezov for Markachev, A. F. Burtsev, B. V. Degtyarev, N. P. Chitsykakov, and M. T. Berezov for their aid in maintaining and operating the equipment." Orig. art. has: II figures their aid in maintaining and operating the equipment." Orig. art. has: [04] SUBMITTED: 17Jun64 ERCL: 00 BUS CODE: AMP NO REF SOV: 001 OTHER: 003 ATD PRESS: 4410	and the second s		·		<i>:</i>	
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EWT(d)/EWP(1) IJP(c) BB/GG ACC NR: AP5027014 SOURCE CODE: UR/0120/65/000/005/0094/0096 AUTHOR: Gol'bek, G. R.; Shestakov, V. D. ORG: Institute of Atomic Energy, GKAE (Institut atomnoy energii GKAE) TITLE: Transistorized reversible decimal pulse counter SOURCE: Pribory i tekhnika eksperimenta, no. 5, 1965, 94-96 TOPIC TAGS: pulse counter, transistorized pulse counter ABSTRACT: A reversible decimal pulse counter is described which is intended for computers and in which the sequential connections between its triggers are permanent. The decimal count is materialized by a transistor switch which applies the ninth arriving pulse to the second and third triggers. An experimental model built with P16 transistors and D1 diodes exhibited a stable operation with forward and reverse directions with (a) a supply voltage of 3-15 v, (b) a repetition rate from single pulses to 120 kc, (c) an input-pulse amplitude of 50-100% supply voltage. The resolving time of the counter is 7×10^{-6} sec. Its disadvantage, low input impedance. Orig. art. has: 2 figures and 1 table. SUB CODE: 09 / SUBM DATE: 29Apr64 / ORIG REF: 001 / OTH REF: 001 FW Card 1/1 UDC: 681, 142.6



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Serv. V. A., Okulov, B. V. Otrubyannikov, Yu. A.

Skorikov, A. G.; Shustakov, V. G.

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Lev. Tomskogo Politic two-champer st. Obcu
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.ULC. NA: NA4022437 co in the scereo-betatron beam amounts to only 5 roentgens, them a radiation yield of the stereo-betatron is 250--300 times larger men in existing betatrons of the same energy. The dimensions of

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ENCL: 00 SUB C: 🚉 🚈 SD Mar Acq: 03Mar64

IJP(c) EWT(m)/EPA(w)-2/EWA(m)-2 Pab-10/Pt-10 s/0275/64/000/007/A051/A051 L 25069-65 ACCESSION NR: AR4045745

SOURCE: Ref. zh. Elektronika i yeye primeneniye. Svodnyy tom, Abs. 7A298

AUTHOR: Moskalev, V. A.; Skvortsov, Yu. Zh.; Okulov, B. V.; Shestakov, V. G.

TITLE: Measurement and recording of fall current in a 25-Mev stereobetatron

CITED SOURCE: Sb. Elektron. uskoriteli. M., Vyssh. shkola, 1964, 204-209

TOPIC TAGS: betatron, stereobetatron

TRANSLATION: Results of a study of acceleration process and beam characteristics are reported. Possibility is considered of determining the charge of accelerated electrons by a direct measurement of the charge of the electrons that struck the target. For measuring the accelerated-electron charges, a combination circuit is used which records simultaneously the target current and the signal induced in a special indicating electrode; the circuit can operate at any particle energy. Stereobetatron potentialities as a pulse flow detector were assessed by using it for examination of a lead bar having artificial defects. The circuits are supplied, and the experimental results are discussed.

SUB CODE: NP

Card 1/1

CIA-RDP86-00513R001549120019-9" APPROVED FOR RELEASE: 07/13/2001

ACCESSION NR: AP4041009

S/0120/64/000/003/0032/0033

AUTHOR: Moskalev, V. A.; Shestakov, V. G.; Okulov, B. V.; Skvortsov, Yu. M.

TITLE: Method for measuring accelerated charge in a betatron

SOURCE: Pribory* i tekhnika eksperimenta, no. 3, 1964, 32-33

TOPIC TAGS: betatron, betatron measurements, betatron accelerated charge

ABSTRACT: A combined — direct and indirect — method for measuring a charge developed by the authors (registration no. 34311, priority of 01Feb63) is briefly described. The target current pulse is recorded simultaneously with a signal induced in a special "indicating electrode." At an energy under 1 Mev, the electrode signal is calibrated directly and then the calibration is used for measuring the charge with any energy. Two oscillograms taken at 0.5 and 25 Mev illustrate the method. Orig. art. has: 2 figures.

ASSOCIATION: none

SUBMITTED: 07Jun63

ENCL: 00

SUB CODE: NP

NO REF SOV: 005

OTHER: 002

Card 1/1

SHESTAKOV, V.G.; SHABAROVA, Z.A.; PROKOF'YEV, M.A.

Properties of methyl ester of P^1 -(adenosine-5) -diphospho-($P^2 \rightarrow N$) phenylalanine. Biokhimiia 29 no.4:690-696 J1-Ag (MIRA 18:6)

l. Laboratoriya khimii nukleinovykh kislot khimicheskogo fakiliteta Gosudarstvennogo universiteta imeni Lomonosova, Moskva.

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SOMOV, G.P.; SHESTAKOV, V.I.

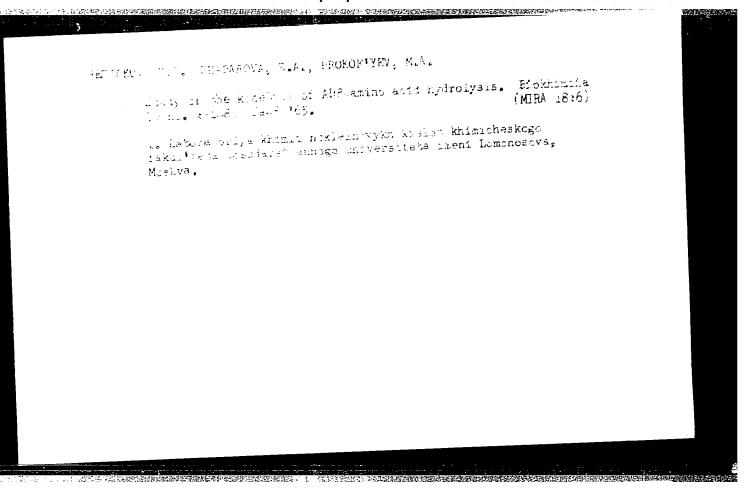
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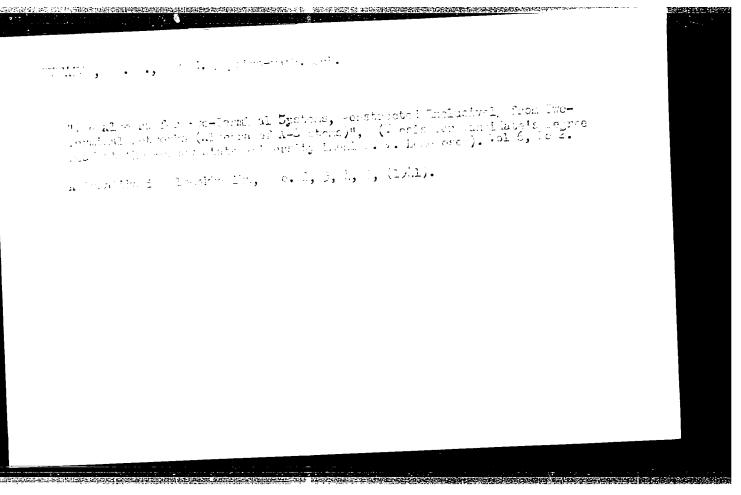
1. 13 Vladivostokskogo instituta epidem.ologit, mikrobiologit i g.giyany.

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1. Research Institute of Epidemiology, Microbiology and Pyriane.

Vladivostok.



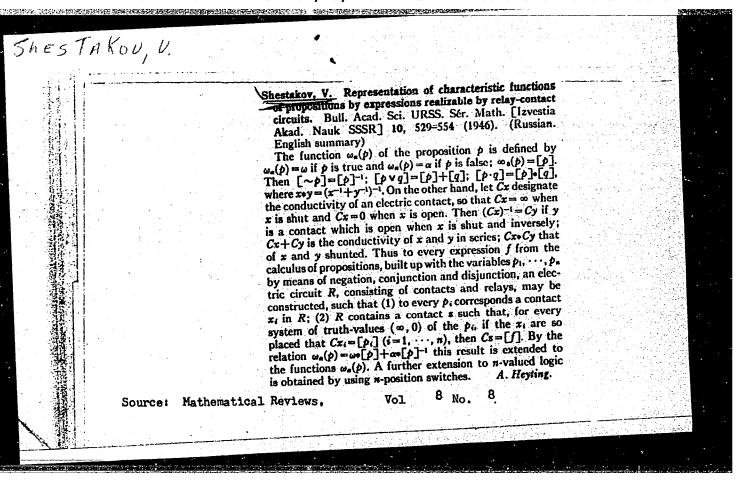


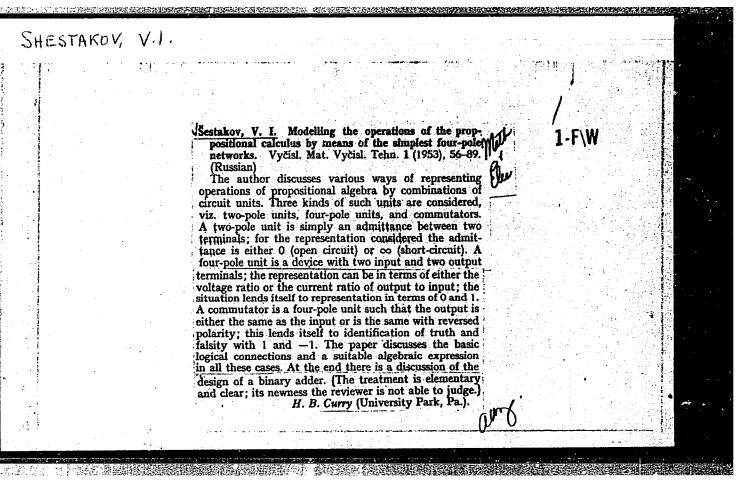
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SHESTAKOV, V. I.

Algebra dwukhpolyusnykh skhem, postroyenny kh isklyuchitel'no iz dwukhpolyusnikov (algebra A-skhem). Th. Tekhn. fiz., 11:6 (1941).

SO: Mathematics in the USSR, 1917-1947 edited by Kurosh, A.G., Markushevich, A.I., Rashevskiy, F.K. Moscow-Leningrad, 1948





MAMONOV, Ye.I., [translator]; SADOVSKIY, L.Ye.[translator]; KHETAGU-ROVA, Ya.A.[translator]; SHESTAKOV, V.I., redaktor.

[Synthesis of electronic computing and control circuits] Sintez elektronnykh vychislitel nykh i upravliaiushchikh skhem. Perevod s angliiskogo E.I.Mamonova, L.E.Sadovskogo i IA.A.Khetagurova. Pod red. V.I.Shestakova. Moskva, Izd-vo inostrannoi lit-ry, 1954. 357 p. (MLRA 7:8)

(Electronic calculating machines)

是这些的是全种的特别。[1] "你们的,你们们,我们就是我们的一个人,我们就是我们的一个人,我们也是我们的一个人,我们也是我们的一个人,我们就是我们的一个人,我

SHESTAKOV, V. I.

Algebraic Method of Analysis of Autonomous Systems of Two-Position Relays. Avtomatika i telemekhanika, Vol 15, No 2, 1954, pp 107-123

Any group of relays together with its governing and governed parameters is called a relay system. The author investigated processes which are possible in an autonomous relay system with identical lags T during wear and loosening. Such a system is described by n equations $y_k(t) = f_k(y_1(t-T), \ldots, y_n(t-T))$. The author also uses vector notation somewhat different from the standard. (RZhMat, No 5, 1955)

SO: Sum. No. 639, 2 Sep 55

"Algebraic method for synthesizing autonomic systems of two-position relays", Avtomatica i Telemekhanika, Vol 15, No 3,4,5, 1954

Abs
W-21148, 7 Feb 55

USSR 2	Sestakov, V. I. On transformation of a monocyclic sequence into a recurrent one. Dokl. Akad. Nauk SSSR (N.S.) 98, 541-544 (1954). (Russian) The author considers a sequence of n-digit binary integers $\eta(0), \eta(1), \eta(2), \cdots$ which are ultimately periodic but are subject to the conditions that the initial non-periodic part together with the proper period consist of distinct integers. Such a sequence is produced when $\eta(i+1) = \phi(\eta(i)),$ where ϕ is a single-valued function whose values are integers $<2^n$ (a condition not explicitly stated by the author). Conversely, any sequence η of the above type determines such a function ϕ . Mention is made of an application to a system of n relays presumably of a digital computer. If the ith relay is energized at the jth program step then we may take the ith digit of $\eta(j)$ to be 1, otherwise it is zero. The	s a e	1-F/W	新聞館 医结核状理疗法 医乳腺性 医神经性 医神经性 医神经性 医神经性 医神经性 医神经性 医神经性 医神经	
	take the 1th digit of $\eta(f)$ to be 1, otherwise system of relays is thus equivalent to a function ϕ . The author states that his theory extends to the case of $n \rightarrow \infty$ D. H. Lehmer (Berkeley, Calif.).		•••		

EST 1	inov, V.L.		
	USSRJ	Sestakov, V. I. An algebraic method of systhesis of multi- step relay systems. Dokl. Akad. Nauk SSSR (N.S.) 99, 987-990 (1954). (Russian) The author is concerned with the design of relay systems presumably for a digital computer. He uses a vector representation method in which the components are elements of a Boolean algebra and the three operations	
		$u' = 1 - u,$ $u \cdot v = uv,$ $u \oplus v = u + v \pmod{2}$	
		applied termwise to these vectors to construct characteristic functions for the expansion of a desired relay function. The treatment is only general and full of obscurities. Reference is made to the paper reviewed above. D. H. Lehmer.	

SHESTAKOULL.

AF 1108825 Call Nr:

Transactions of the Third All-union Mathematical Congress (Cont.) Moscow, Jun-Jul '56, Trudy '56, V. 1, Sect. Rpst., Izdatel'stvo AN SSSR, Moscow, 1956, 237 pp. There are 2 references, 1 of which is USSR, and another is English.

Tseytin, G. S. (Leningrad). Problem of Identification of the Properties of Associative Calculus.

189

Mention is made of Markov, A. A.

There are 2 references, both of them USSR.

Shanin, N. A. (Leningrad). On Constructive Understanding of Mathematical Reasoning.

189-190

Mention is made of Kolmogorov, A. N.

There are 2 references, 1 of which is USSR, and the other English.

Shestakov, V. I. (Moscow). Vectorial -algebraic Method Applied to the Analysis and Synthesis of Multicycle Relay Systems. 190-191

Card 61/80

NJ F MESTALLY.

APPROVED FOR RELEASE: 07/13/2001 ARD CÍA-R BP86-005 13 R 00 1549 120019-9

SUBJECT

An Algebraic Method for the Synthesis of Multicycle Systems of AUTHOR TITLE

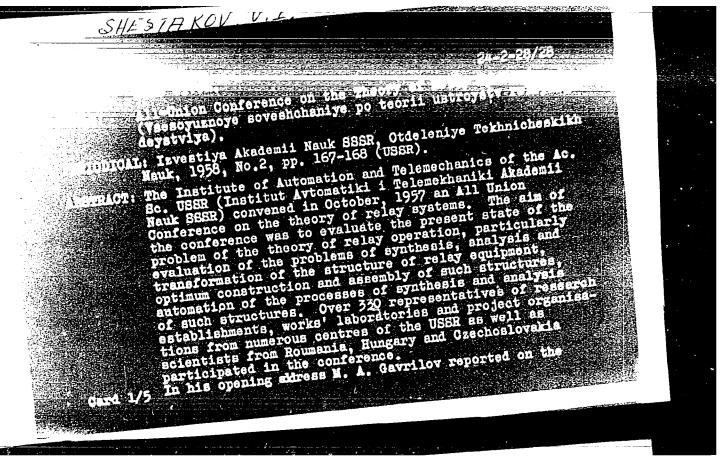
Relays with r Positions.

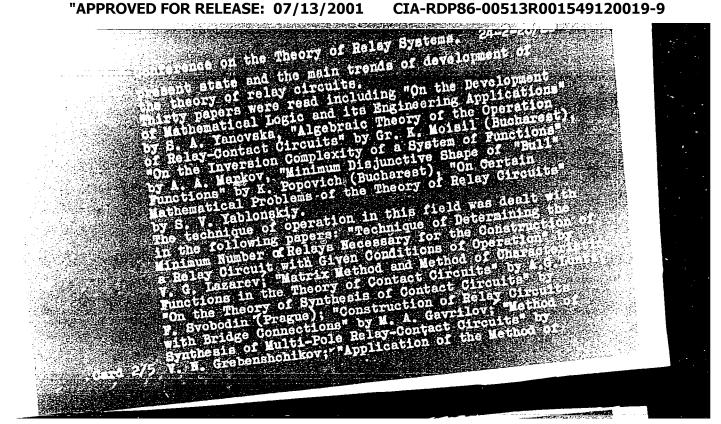
Dokl. Akad. Nauk, 112, fasc. 1, 62-65 (1957) PERIODICAL

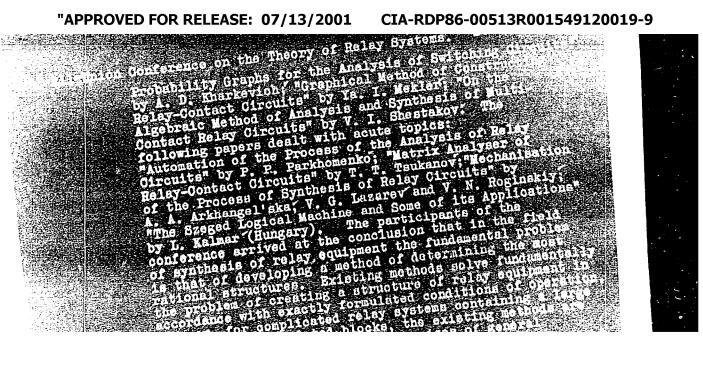
Issued: 2 / 1957

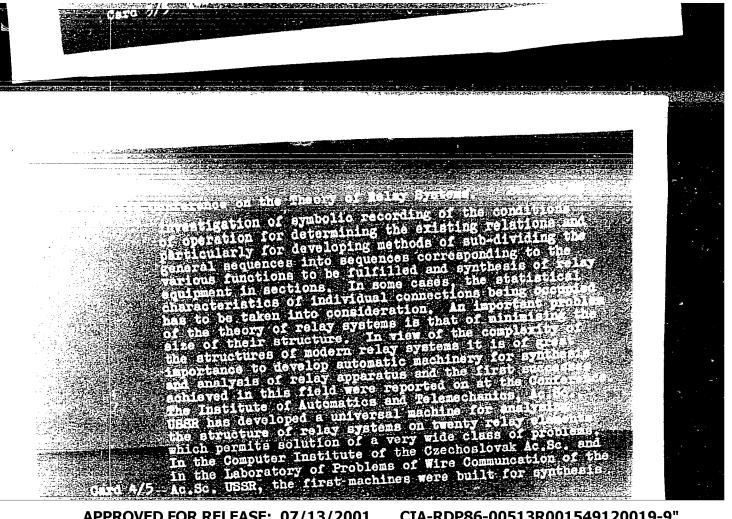
Here the previously suggested vector-algebraic method for the synthesis of multicycle relay systems is generalized for systems which are based on relays with r postions. Here r denotes a natural number = 2. All previously introduced definitions can easily be generalized for the case r > 2. While all previous (V.I.SESTAKOV, Dokl. Akad. Nauk 99, No 6 (1954) denotations and conditions are retained the modifications of state of the nonautonomous system can as before be described by the following vector equation: $\vec{y}(t+\tau) = \vec{f}(\vec{x}(t), \vec{y}(t))$. Here \vec{f} denotes a certain univocal vector function of the vectors \vec{x} and \vec{y} which can apparently assume \vec{r} and \vec{r} values \vec{x}_{α} and \vec{y}_{β} respectively. These values are numbered by the following whole numbers:

 $\alpha = \sum_{i=1}^{m} a_i r^{i-1}$, $\beta = \sum_{k=1}^{n} b_k r^{k-1}$, where a_i and b_k denote the i-th and k-th component respectively of the values \vec{x}_{α} and \vec{y}_{β} of the variable vectors \vec{x} and \vec{y} respectively. With $\tau=1$ and after replacing the continuous variable t (time) by the natural variables j (j = 0,1,2,...) the following equation is obtained by combining \vec{x} and \vec{y} to one single vector \vec{z} : \vec{y} (j+1) = \vec{F} (\vec{z} (j)). Here \vec{F} de-









of structures of relay squipmon, as regards not further development, particularly as regards for the synthesis of structures. The members of the for the synthesis of structures of the members of the conference pointed out the advisability of organising conference pointed out the advisability of organisms conference pointed out the advisability of organisms and conference pointed out the synthesis of relay systems and or establishing an International of relay systems and or establishing an international federation relating to this problem. (Note: This is a complete translation). LABLE: Library of Congress.

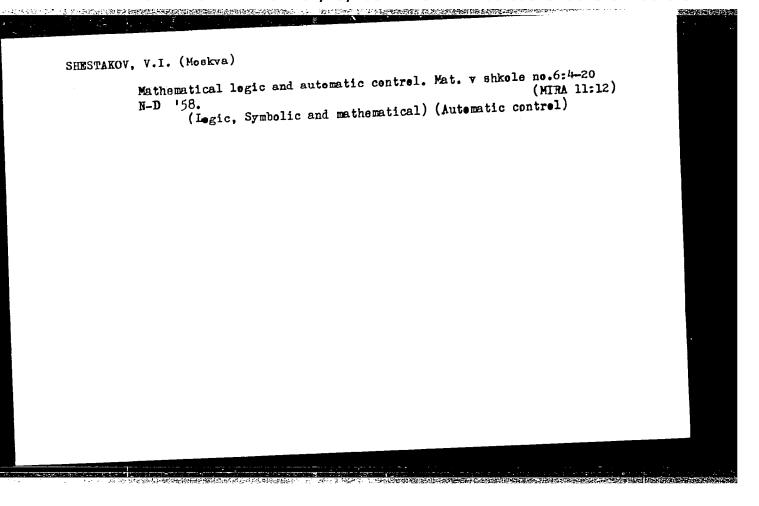
SHESTAKOV, V. I.

"The Algebraic Method of Analysis and Synthesis."

report presented at All-Union Conference on Problems in the Theory of Relay Devices, Inst. for Automation and Remote Control AN USSE, 3-9 Oct 1957.

Vestnik AN SSSR, 1958, No. 1, v. 28, pp. 131-132 (author Ostianu, V. M.)

APPROVED FOR DELEASE, 07/12/2001



AUTHORS: Shestakov, V. I., Terent'yov, D. F. SOV/64-58-6-8,15

TITLE: The Determination of Optimum Temperature Conditions of Running

Contact Apparatus for the Oxidation of Sulfur Dioxide

(Opredeleniye optimal'nogo temperaturnogo rezhima deystvuyu-shchikh kontaktnykh apparatov dlya okisleniya dvuokisi sery)

PERIODICAL:

Khimicheskaya promyshlennost', 1958, Nr 6, pp 350-354 (USSR)

ABSTRACT:

Optimum conditions for contact apparatus with adiabatic catalyst layers are determined according to the method developed by G. K. Boreskov (Ref 1). During the operation of the apparatus the activity of the catalyst decreases. Therefore, an excess of contact substance is generally used; however, this excess is limited since its presence results in an increase of the hydraulic resistance and thus causes efficiency to decrease. If the activity of the contact substance is reduced by the two- or threefold, the operation of the contact apparatus is disturbed and a redetermination of optimum operating conditions considering the actual state of the catalyst, becomes necessary. The present paper deals with the solution of this problem. The determination of the optimum operation (for each layer separately) was carried out according to the

Card 1/2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001549120019-9"

SOV/64-98-6-8/15 The Determination of Optimum Temperature Conditions of Running Contact Apparatus for the Oxidation of Sulfur Dioxide

graphic method. The diagrams in question are given. Inter alia, the calculation is given for an apparatus of the K-30-4 type. On principle, the diagrams refer to contact substances which already have been used for some time and have lost part of their effectiveness. If there is a new contact substance the diagrams make it possible to evaluate the quality of the material in question. New substances should be used in the first two layers in quantities which guarantee a contact from the ignition to a point near the equilibrium. That is why the initial temperature should not be increased, since this would lead to a lessening of the effect. There are 8 figures, 1 table, and 3 references, which are Soviet.

Card 2/2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001549120019-9"

THE SECTION OF THE SE

AUTHOR:

Shestakov, V. I. (Moscow)

103-19-6-8/13

TITLE:

A Method of Punched Cards for the Synthesis of Switching Systems (Perfokartochnyy metod sinteza mnogotaktnykh releynykh

sistem)

PERIODICAL:

Avtomatika i telemekhanika, 1958, Vol 19, Nr 6,

pp 592 - 605 (USSR)

ABSTRACT:

One of the simplest methods for the mechanization of the vector-algebraic method for the synthesis of switching systems is given here. The method is based on the use of special cards and was therefore called the method of punched cards for the synthesis of switching systems. It is assumed here that the reader is acquainted with the vector-algebraic method of the synthesis of switching systems. Therefore only little information is given on this method. Then the use of special cards for the synthesis of autonomous relay systems and the realization of the synthesis of non-autonomous relay systems by means of special cards is explained in two chapters. At the end it is pointed out that the synthesis of autonomous systems can also be performed by means of cards β destined for the synthesis of non-

Card 1/2

A Method of Punched Cards for the Synthesis of Switching Systems

103-19-6-3/13

autonomous switching systems. On this occasion the cards α (for the synthesis of autonomous switching systems) are not used and only the cards β are used in the same manner as cards α . There are 9 figures, 1 table, and 10 references, 4 of which are Soviet.

SUBMITTED:

December 26, 1957

1. Switching circuits——Synthesis

Card 2/2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001549120019-9"

SHESTAKOV, V.I. (Moskva)

Mathematical logic and automatic control. Mat. v shkole no.1:
19-39 Ja-F '50.

(Logic, Symbolic and mathematical)

(Electronic calculating machines)

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	MOLE EXPENSIVE ADDE	Akademiya nauk SSSH Primeneniye legiki v nauke i teknnike (Application of Logic in Salence and Technology) [Moscoa] Izdavo AN SSSH (1900) 357 p Erraka alip inserted. 10,000 copies printed.	Sponsoring Agency: Akademiya nauk SSSR. Editoril Board: Hesp. Ed.: I. V. Tavanets, E. Yn. Kol'man. Editory bad S. A Ymnowskaya; Ed. of Publishing House: G. W. Powgeroy and S. A Ymnowskaya; Ed. of Publishing House: G. W. Rozenbarg: Tech. Ed.: S. T. Markovich.	for ac	COVERAGE: The book is a collection of 16 articles in which the authors discuss problems of mathematical logic and its application to computers, linguistics, coology, methodology and varyous fields of secondogy. No personalities are mentioned	References follow all but one article. Pairoy Wer Significance of the Axionals Method in the Study of Trends in Changes of Laving Systems	"Zinov'yev, A. A. Deductive Method in Investigating the Propositions of Mellicontal Propies or propositions of	And Warfant of the Definition Theory	Group Invariance of Boolean Functions	Therefore V I Double Arithmetic Interpretation of the Theretowy V I Double Arithmetic Interpretation of the Proposition Used in Similaring This Calculation by Means of a Relay-Switching This Calculation by Means of a Relay-Swit	Circuit And Indian State of Physical Reciliar Angelina of Physical Realization of Systems Performing Logical Punctions	Mayatroya, D Application of Many-Valued Logics in the Theory of Helay Systems	The state of the state of Logic Connected with Logical Problems in Technology Connected with Logical Problems in Formal Logic	Theory of Gottlob Frege	8	1	
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SHESTAKOV, V.I.; SINENKO, S.A.

Study of bird's fleas in the foci of Japanese encephalitis.

Med.paraz.i paraz.bol. no.3:306-307 '61. (MIRA 14:9)

(ENCEPHALITIS) (PARASITES—BIRDS) (FLEAS)

82457

16,6800

s/141/60/003/03/012/014 E192/E382

AUTHOR:

TITLE:

Shestakov, V.I.

The Problem of Synthesis of Hybrid N-Class Switching

Systems ILA

Izvestiya vysshikh uchebnykh zavedeniy, Radiofizika, PERIODICAL:

1960, Vol. 3, No. 3, pp 526 - 533

Boolean algebra is quite adequate for the analysis and synthesis of switching systems of the "-class, but it is insufficient in the structural analysis of the M-class systems when these comprise relay coils and resistances as well as contacts, push buttons and keys. In the following, an attempt is made to investigate the applicability of the algebra and to determine such switching systems where the algebra is inadequate. A Vi-class system can be uniquely described by means of an algebraic equation whose terms are interrelated by operations of addition and harmonic addition. The harmonic addition is described by:

(1) $X + Y = (X^t + Y^t)^{\frac{1}{2}}$

Card 1/4

82457

S/141/60/003/03/012/014

The Problem of Synthesis of Hybrid \(\Gamma\)-Class Switching Systems remaining systems are referred to as the single-relay hybrid systems. The principal hybrid systems are of the inverse-normal and normal-inverse type, since an arbitrary hybrid system can be reduced to one of the above types by means of suitable transformations. Thus, it can be shown by employing the distributive laws defined by Eqs (3) that a normal-inverse-normal system can be transformed into an inverse-normal and a normal-inverse system. The separable Π -class systems are defined as those systems containing n relays which can be divided into n independent single-relay two-pole sub-systems in such a way that when each of the two poles is connected to a separate supply source, its relay operates in the same way as in the original system. The separable systems are of the normal or inverse type or of the type defined by the first two equations on p 530. In these equations, denotes the two-poles which have a finite impedance. shown that the analysis and the synthesis of n-relay separable 11-class systems can be carried out in the same manner as the analysis of n different 17-class systems and, consequently, Card 3/4

Review of V.N. Roginskii's book "Elements of the structural synthesis of switching control circuits." Avion. i telem.
21 no.7:1090-1094 J1'60.

(Automatic control) (Switching theory)

(Roginskii, V.N.)

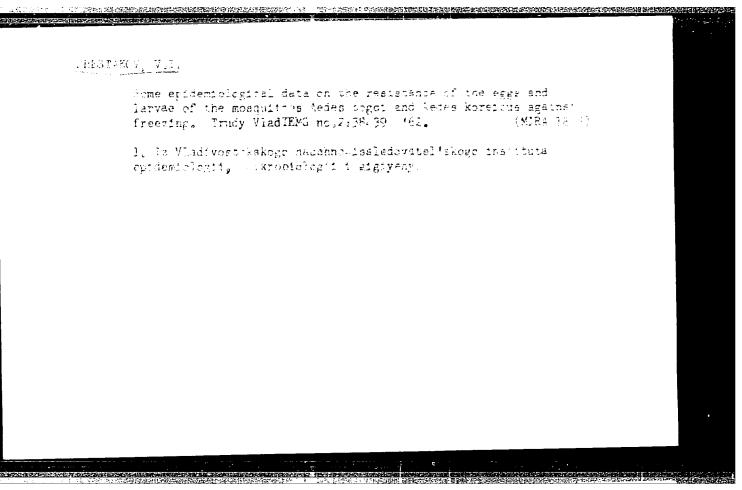
SHESTAKOV, V. I.

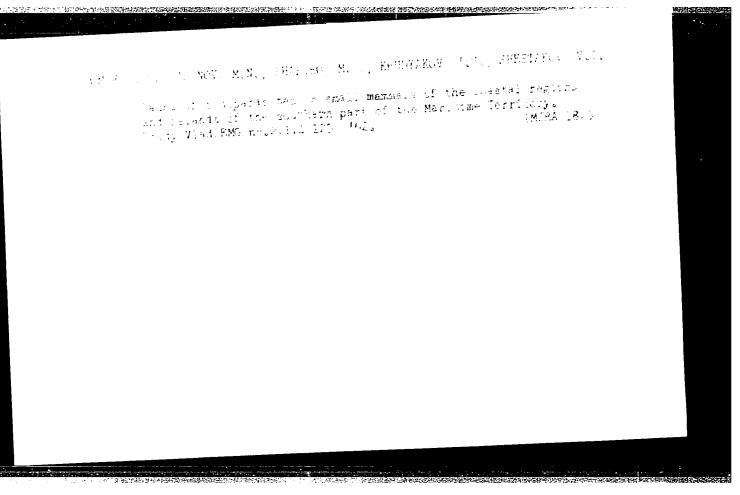
"Algebra of relay-switch circuits"

report submitted for the Intl. Symposium on Relay Systems and Finite Automata Theory (IFAC), Moscow, 24 Sep-2 Oct 1962.

SHESTAKOV, V.I.

Synthesis of a single-cycle binary number summator based on two-positional commutators and polarized relays. Vop. teor. mat. mash. no.2:232-239 '62. (MIRA 15:8) (Switching theory) (Electric relays) (Electronic calculating machines)





I 16466-6<u>6</u> SOURCE CODE: UR/0016/66/000/005/0008/0013 ACC NR: AP6029183 AUTHOR: Shestakov, V. I.; Mikheyeva, A. I.; Polenova, I. N.; Dorokhova, V. S. ORG: Vladivostok Institute of Epidemiology, Microbiology and Hygiene (Vladivostokskiy institut epidemiologii, mikrobiologii i gigiyeny); Regional Sanitary Epidemiological Station (Krayevaya sanitarno-epidemiologicheskaya stantsiya) TITLE: Prevention of Japanese encephalitis in Primorskiy Kray SOURCE: Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 5, 1966, 8-13 TOPIC TAGS: encephalitis, insect control, mosquito, disease control ABSTRACT: In Khasanskiy Rayon, where Japanese encephalitis is endemic, systematic measures have been carried out since 1960 to control the mosquito vectors of the disease (C. tritaeniorhynchus G., C. bitaeniorhynchus G., C. pipiens L., A. togoi Theob., A. escensis Jam.) and to protect the population from mosquito bites. The breeding places were spayed from airplanes with DDTV aerosols 0(10% dust and 50%) paste). The best results were obtained by antilarval treatment of the biotopes in the early spring. The people were protected from insect bites with dimethylphthalate, repudin, and diethyltoluamide. The latter proved to be the most effective repellent. Orig. art. has: 3 tables. [JPRS: 36,932] SUB CODE: 06 / SUBM DATE: 22Jul65 / ORIG REF: 005 / OTH REF: 001 616.988.25-022.395.7-084(5 1.63) UDC: Card 1/1/1/2/

ACC NR: AP6034113

(78%). A. koreicus (1%), and A. escensis (2%). The population of C. tritacniorhynchus, the chief vector of Japanese encephalitis in meadow foci, has decreased 30—40 times in recent years due to elimination of rice fields. In the coastal area, the chief species attacking man was A. togoi, and in fishing villages, A. togoi and Culex pipens. In the meadow areas the following species commonly attacked man: A. dorsalis, A. vexans nipponi, A. escensis, Anopheles hyraanus, and sometimes Culiseta silvestris amurensis. Effective mosquito control consisted of treating ponds with insecticides (coastal regions) and serial spraying (meadow foci). Orig. art. has: 1 table and 2 figures.

[W.A. 50]

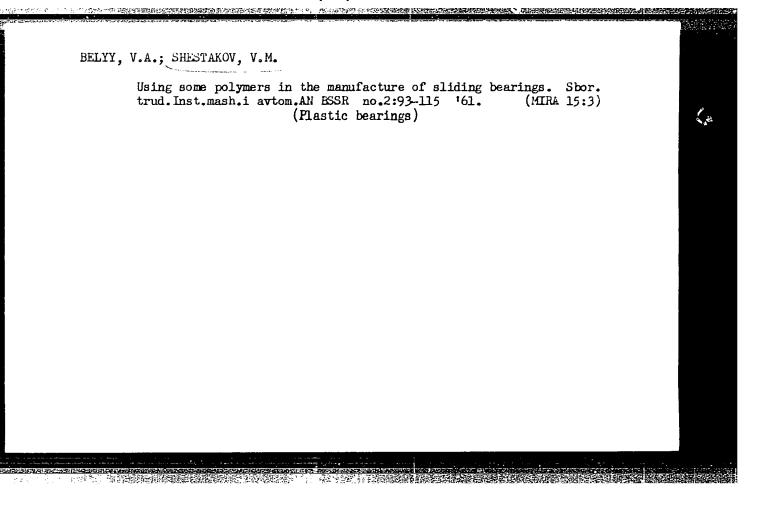
SUB CODE: 06/ SUBM DATE: 10Aug65/ ORIG REF: 006

GANSHTAK, Vladimir Iosipovich; SHESTAKOV, V.M., inzh., retsenzent;
YUR'YEV, N.M., inzh., retsenzent; TKACHUN, A.I., red.izd-va;
MODEL', B.I., tekhn.red.

[Economic analysis of potentials in a machinery manufacturing

[Economic analysis of potentials in a machinery manufacturing enterprise] Ekonomicheskii analiz rezervov na mashinostroitel'nom predpriistii. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 263 p. (MIRA 13:12)

(Machinery industry--Accounting)

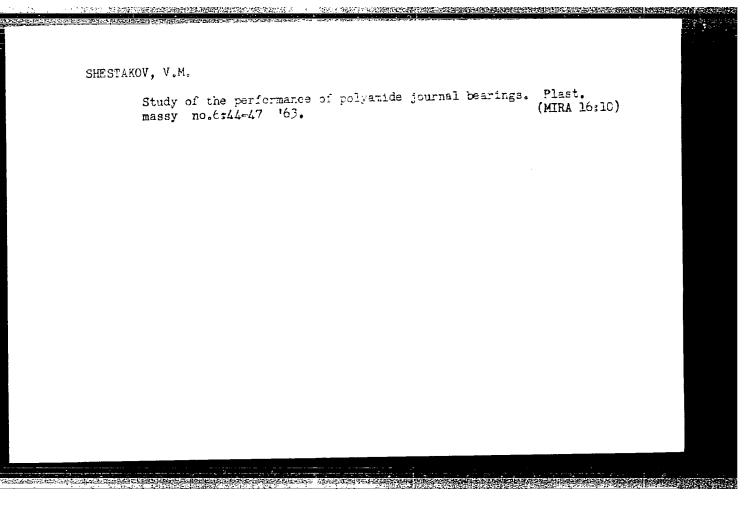


SHESTAKOV, V.M. (Moskva)

Nonstationary percolation in a two-layer medium. Izv. AN

SSSR. Mekh. i mashinostr. no.6:93-96 N-D '63.

(MIRA 17:1)



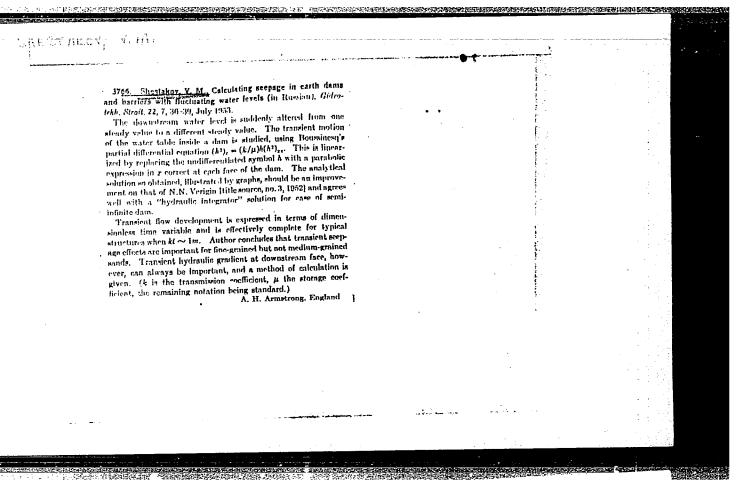
Shestakov, V. M. - "On certain production methods in concrete work", Sbornik trudov Studench. nauch.-tekhn. o-va (Mosk. inzh.-stroit. in-t im. Kuybysheva), Moscow, 1949, p. 27-35.

SO: U-411, 17 July 53, (Letopis 'Zhurnal 'nykh Statey, No. 20, 1949).

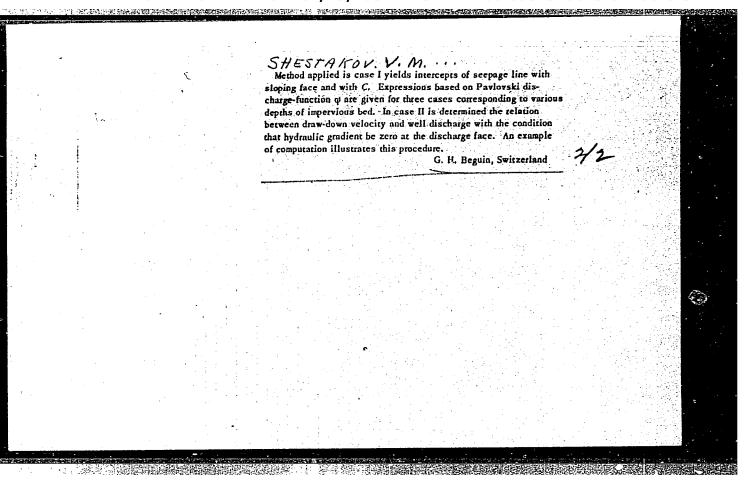
SHESTAKOV, V. M.

Shestakov, V. M. and Shestopal, A. O. - "Leaks and the appearance of washouts in hydrotechnical equipment", Sbornik trudov Studench. nauch.-tekhn. o-va (Mosk. inzh.-stroit. in-t im. Kuybysheva), Moscow, 1949, p. 41-48.

SO: U-411, 17 July 53, (Letopis 'Zhurnal 'nykh Statey, No. 20, 1949).



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SHESTAKOV,	V.M.		
SUESTING			
	593. Shestakov, V. M., Seepage forces in open cuts (in Russian), Gidrotekb. Stroit. 22, 10, 21-25, 1953.		
	In a cut of trapezoidal section, made in a layer of homogeneous		
	porous material resting on an impervious stratum, the water lever		
3	is lowered with velocity v. Problem considered (2-dim.) is to find seepage line and its intercept with discharge face. In case I,		
W.	mere drainage is present; in case II, a line of deep wells is		
10	operating at some distance from edge of cut.		
	For several geometrical configurations experimental investiga- tions show that problem can be reduced to the equation		
· .	$(b^i)_i = kb/\mu \cdot (b^i)_{xx}. $ [1]		
	그 있는 어느님 그 그는 그에 가서 그 어느를 가지는 하셨다면서 그리었다. 귀하네네 그 아니라 하셨다는 때 가 뭐 하셨다.		
	For case I region is divided in two by vertical C through edge of cut. For upstream portion equation [1] is reduced (Bagrov-Verigin)		
	to the heat equation, assuming constant the factor of the deriva-		
	tive in x. Solution is immediate. For downstream portion, with the		
•	aloping face, use is made of correspondence method. An approxi-		
	mate value $b(x,t)$ is taken for b , and set into left side of [1], which is approximated to $b_1 = h/2\mu$: $(b^2)_{x,x}$, and integrated. If $b = b$,		
	solution is exact. If equality holds only at a few points, solution		
	b is approximate. Procedure can be repeated, but equality at two		
•	points is sufficient for practical purposes, as shown by applica- tions.	72	
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SHESTAKOV, V.M., kendidat tekhnicheskikh nauk.

Calculating seepage in earth dams and barriers at changing water levels.

(MLRA 6:7)

Gidr.stroi. 22 no.7:36-39 J1 '53.

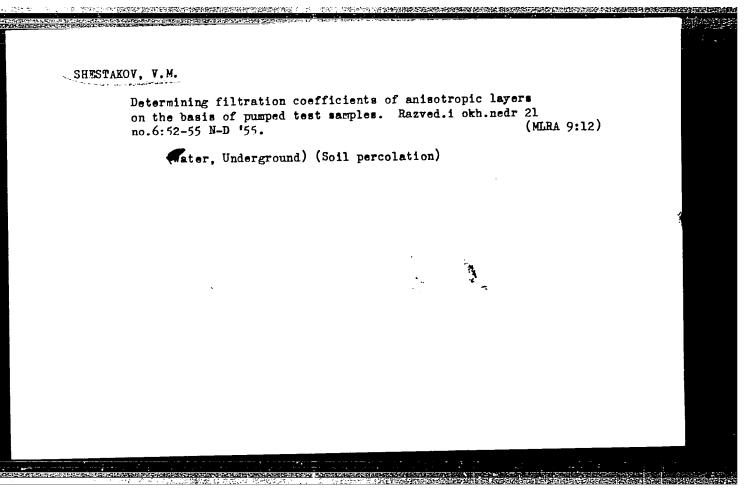
(Dams) (Soil percolation)

SHESTAKOV, V.M., kandidat tekhnicheskikh nauk.

Calculating curves of depression in earth dams during the lowering of the water level of reservoirs. Gidr. stroi. 23 no.4:32-36 '54.

(Dams)

(Hear 7:7)



·41-217006 6 1.11.

AID P - 1800 Subject

: USSR/Hydraulic Engineering Construction

Card 1/1 Pub. 35 - 12/17

: Barenblatt, G. I. and Shestakov, V. M. Author

Title : Canal seepage into dry soil

Periodical: Gidr. stroi., v.24, no.1, 40-41, 1955

: A mathematical analysis of unstable ground water in an Abstract

inclined uniform impervious layer during the instant

change of level at the end of the layer as

established by equations. Two diagrams are given. Four Russian references of 1945, 1952, 1952 and 1954.

Institution: None

Submitted : No date

SOV/124-58-1-908

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 1, p 121 (USSR)

AUTHOR: Shestakov, V.M.

TITLE: Determination of the Hydrodynamic Forces in Earth Structures and Slopes Due to the Lowering of the Water Levels in Head- and Tailwater Basins (Opredeleniye gidrodinamicheskikh sil v zemlyanykh

sooruzheniyakh i otkosakh pri padenii urovney v b' yefakh)

PERIODICAL: V sb.: Vopr. fil'trats. raschetov gidrotekhn. sooruzheniy. Nr 2. Moscow, Gos. izd-vo lit. po str-vu i arkhitekt., 1956, pp 98-128

ABSTRACT: A brief review of methods (by R. Muller, F. H. Kellogg, V. M.

Dombrovskiy, H. R. Cedergreen, E. Reinius, and I. A. Charnyy) for the approximate calculation of the hydrodynamic forces acting on the slopes of earth dams during variations in the water levels of the head- and tail-water basins. The author obtains an approximate solution for the case of the plane, one-dimensional, unsteady seepage of the ground water in a semi-infinite soil volume, where the boundary surface of the water basin is sloping. The draining-out

interval on the boundary of the basin is not taken into consideration, Card 1/2 and it is assumed that the depth of the water in the basin decreases

SOV/112-57-6-12884

Translation from: Referativnyy zhurnal, Elektrotekhnika, 1957, Nr 6, p 176 (USSR)

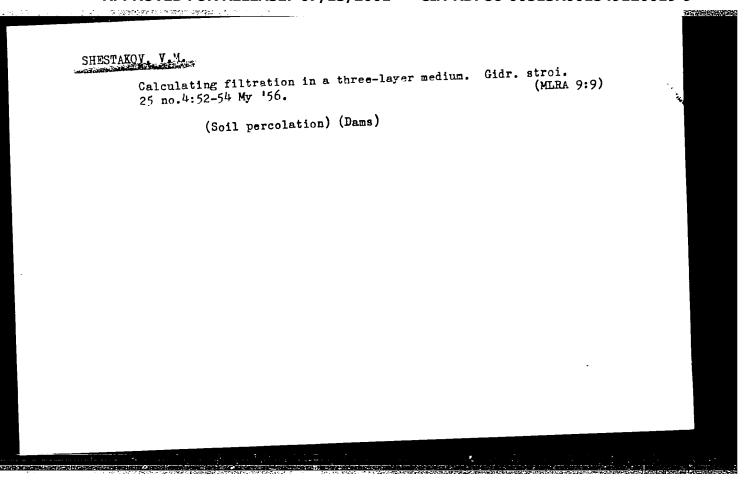
AUTHOR: Shestakov, V. M.

TITLE: Some Problems of Simulating Transient Seepage (Nekotoryye voprosy modelirovaniya neustanovivsheysya fil'tratsii)

PERIODICAL: V sb.: Vopr. fil-trats. raschetov gidrotekhn. sooruzheniy. Nr 2. M., Gos. izd-vo po str-vu i arkhitekt., 1956, pp 129-139

ABSTRACT: A similitude criterion is presented for simulating the problems of transient seepage by means of solid medium devices; it is pointed out that application of the above criterion is difficult because of the very small time scale involved that corresponds to a practically acceptable linear scale. Suggestions are made to simplify the simulation conditions by neglecting inertial terms; the above possibility is illustrated with an example of simulating the conditions of saturation of a dry ground massif under the conditions of a constant rate of lift of level at the boundary. The possibility is considered of investigating the seepage, allowing for the capillary zone, by means of a soil

Card 1/2



Unsteady seepage through slanting imperevious rocks. Dokl. AN SSSR 108 no.5:791-794 Je '56. (MLRA 9:10)

1. Predstavleno akademikom L.I. Sedovym. (Soil percolation)

CIA-RDP86-00513R001549120019-9 "APPROVED FOR RELEASE: 07/13/2001

98-58-3-19/22

Shestakov, V.M., Candidate of Technical Sciences. AUTHOR:

Conference on questions of Water Level Lowering in a Hydro-TITLE: technical Installation (Soveshchaniye po voprosam vodoponizheniya v gidrotekhnicheskom stroitel'stve)

Gidrotekhnicheskoye Stroitel'stvo, 1958, Nr 3, pp 61-62(USSR) FERICUICAL:

At the end of 1957: a conference took place in the VNII VODGEO ABS PRACT: dealing with questions of water level lowering during hydrotechnical construction work. In this conference participated representatives of the GIDROSPETSPROYEKT, GIDROPROYEKT, GIDRO-ENERGOPROYEKT, VODOKANALPROYEKT, FUNDAMENTPROYEKT, VNII VODGEO, NII of Foundations and Underground Constructions imeni Vedeneyev, TNISGEI, VSEGINGEO, Stalingrad Hydroelectric Power Station, and others. Reports made by M.P. Semenov, A.G. Lykoshin, C.N. Nosova, A.F. Korzhetskiy, V.D. Babushkin, V.M. Nasberga, G.K. Mamenko, dealt with questions of geologicohydrological conditions, and means of lowering the water level. Reports made by M.N. Pavlovska, V.M. Shestakov, N.N. Verigin

and F.M. Bochever, dealt with calculations of filtration in water level lowering installations. Reports of F.I. Emel'yanov Card 1/4

是是我的人,我们就是我们还是一个的人,我们不是的的人,这一个一个,我们不是一个,我们就是我<mark>是这些,我们就是我们的,我们就是这么多么,我们就是我们的,我们就是这么多</mark>是

98-58-3-19/22

Conference on questions of Water Level Lowering in a Hydrotechnical Installation

P.I. Volodenkov, M.F. Khasin, L.N. Vorobkov, P.V. Lobachev. D.G. Shneyder and F.V. Tsyurupa dealt with projects and installation of water level lowering. In the course of the discussion it became evident that water level lowering being an item involving considerable expense, ways and means should be found to improve the work while lowering the cost. The question of combining deep level draining with surface drainage was one of the most discussed points. As a result of the conference the following recommendations were submitted: 1) special investigation should be conducted to determine filtration characteristics in various kinds of soil and the influence of filtration on the sand base under varying hydrogeological conditions. 2) considering the numerous proposals which exist in regard to calculations of water level lowering, a complete and methodical survey should be made of all literature on the subject. The institutes VODGEO, VNIIG and VNIIOSP should participate in this work. 3) the question of combining deer level draining with open drainage requires further inve-

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APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001549120019-9"

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Conference on questions of Water Level Lowering in a Hydrotechnical Installation

stigation, especially in such cases where the foundation pit crosses the water head in sandy soil. 4) greater attention should be paid to the organization of piezometric observations. 5) in view of the fact that large dredging machines operating in close vicinity to the water head interfere with the foundation soil; it would be advisable for GIDROPRCYEKT to investigate the situation with a view toward limiting the distance from the installation at which dredges are permitted to operate. o) economic problems, in connection with water level lowering should be studied by organizations in charge of projects, in Special atcooperation with scientific-research institutes tention should be paid to the cost of deep level draining as compared with cost of open drainage. The general aim is to lower the cost of water level lowering, as well as of the entire complex construction work carried out under the protection of water level lowering installations. 7) in connection with water level lowering work it would be advisable to adopt a standard mobile set of pumping devices of the LIU type, having a capacity of $30-140 \text{ m}^3/\text{hr}$ and a 5.5 to 20 kw motor. 8) other

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98-58-3-19/22

Conference on questions of water Level Lowering in a Hydrotechnical Installation

methods of water level lowering should also be investigated, such as drawing water from soil or by means of electroosmosis.

9) finally it was deemed necessary to work out new technical conditions for water level lowering in hydrotechnical installations.

Card 4/:

- 1. Dams-Construction 2. Dams-Design 3. Power plants-Construction
- 4. Dams-Costs

KORZHETSKIY, A.P., inzh.; VERIGIN, N.N., doktor tekhn.nauk, prof.; BINDEMAN, N.N., kand.geol-mineral.nauk; BOCHEVER, F.M., kand.tekhn.nauk; GRIGOR'YEV, V.M., kand.tekhn.nauk; NEDRIGA, V.P., kand.tekhn.nauk; SHESTAKOV, V.M., kand.tekhn.nauk.

Opinions of the book "Determining water inflow to foundation pits and designing drainage installations" by V.V. Kurilenko. Reviewed by A.P. Korzhetskii and others. Gidr. stroi. 27 no.4:61-64 Ap '58. (MIRA 11:9)

(Soil percolation) (Drainage) (Kurilenko, V.V.).

SHESTOPAL, Aleksandr Osipovich, inzh.; FUKSON, M.M., kand.tekhn.nauk, retsenzent; SHESTAKOV, V.M., kand.tekhn.nauk, retsenzent; ENGEL', F.F., inzh., retsenzent; PETROV, G.D., inzh., nauchnyy red.; OHLOV, A.G., inzh., nauchnyy red.; MAR'YANSKIY, L.M., inzh., red.; AKULOV, D.A., tekhn.red.

[Using hydraulic methods in submerging pipes, piles, and pile planks] Gidravlicheskoe pogruzhenie trub, svai i shpunta.

Moskva, Gidroproekt, 1959. 67 p.

(Pipelines) (Piling (Civil engineering))

的现在分词,我们就是我们的现在分词,这个人的人,也不是一个人,也不是一个人,可以是一个人,可以是一个人的人,也可以是一个人的人,也可以是一个人的人,也可以是一个人

SEMENOV, M.P., prof., red.; GRIGOR'YEV, V.M., starshiy nauchnyy sotrudnik, red.; SHESTAKOV, V.M., starshiy nauchnyy sotrudnik, red.; SMIRKOVA, A.P., red.izd-va; EL'KINA, E.M., tekhn.red.

[Transactions of the Conference on Problems of Water Table Lowering in Hydraulic Engineering] Trudy Soveshchaniia po voprosam vodoponizheniia v gldrotekhnicheskom stroitel'stve. Moskva, Gos.izd-vo lit-ry po stroit.arkhit. i stroit.materia-lam, 1959. 190 p. (MIRA 12:9)

1. Soveshchaniye po voprosam vodoponizheniya v gidrotekhnicheskom stroitel'stve. Moskva, 1957. 2. Vsesoyuznyy nauchnoissledovatel'skiy institut vodosnabzheniya, kanalizatsii,
gidrotekhnicheskikh sooruzheniy i inzhenernoy gidrogeologii
(Vodgeo) (for Semenov, Shestakov).

(Drainage) (Hydraulic engineering)

SOV/24-59-1-16/35

AUTHOR: Shestakov, V.M., (Moscow)

TITLE: Determination of the Leakage Zone of the Percolation

Flow Near the Walls of Wells (Opredeleniye uchastka vysachivaniya fil'tratsionnogo potoka u stenki

skvazhiny)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Otdeleniye Tekhnicheskikh Nauk, Energetika i Avtomatika, 1959, Nr 1, pp 110-111 (USSR)

ABSTRACT: The following relationship, based on an equation due to Charnyy (Ref 3) is proposed:

 $\eta = \frac{h_k^2 - h_c^2}{0^9} = 0.73 \text{ lg} \frac{\sqrt{0^9}}{r_c} - 0.51$ (7)

where $h_{\rm K}=h_{\rm C}+h_{\rm C}$, $h_{\rm C}=$ level in well, $h_{\rm O}=$ height of leakage zone; $Q_{\rm O}=$ discharge from well and r= radius of well. This relationship is plotted in the figure (p lll) and compared with measurements of Soviet and other workers. The agreement is sufficiently close to justify the use of the relationship for practical

Card 1/2

SOV/24-59-1-16/35

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Determination of the Leakage Zone of the Percolation Flow Near the Walls of Wells

calculations. There is 1 figure, 1 table and 6 references of which 2 are English, 1 French and 3 Soviet.

SUBMITTED: 29th May 1958

Card 2/2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001549120019-9"

Determining outflow gradients for percolating flow near the slop. Vop.fil 'tr.rasch.gidr.soor. no.3:185-216 '59.

(MIRA 13:5)

(Soil percolation) (Drainage)

sov/98-59-10-11/20

30(1)

Shestakov, V.M., Candidate of Technical Sciences

AUTHOR: Shestakov,

TITLE:

The Filtration Resistance of Sand Slopes

PERIODICAL:

Gidrotekhnicheskoye stroitel'stvo, 1959, Nr 10, pp 41-44 (USSR)

ABSTRACT:

The article deals with 2 kinds of filtration resistance in the sand slopes of the foundations of hydroelectric constructions or earth dams, one where the slope is not protected and is subject to the depositing of alluvium by the filtration stream, and the other where the slope is protected by a filter from being thus affected. Mention is made of certain leading names in research in this field: N.N. Verigin, V.V. Aristovskiy, J. Ohde, W. Bernatzik, I.F. Volod'ko, and B.I. Pokrovskiy. The author goes on to describe tests carried out at the VODGEO (All-Union Scientific Research Institute of Water Supply, Pipelines, Hydraulic Construction and Engineering Hydrogeology) and also on-the-spot research conducted on the Kuybyshev and Stalingrad GES (Ref. 5). The amounts of alluviation is fixed as being the length of the alluviation tongue 1 (see fig.1),

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SOV/98-59-10-11/20

The Feltrative A sistance of Sand Slopes

$$j = \frac{h_{\rm B}}{J_{\rm c}} \quad , \tag{1}$$

where h_B is the height of the leak and J_c is the average angle of slope of the alluviation: $J_c = \chi J_o$, (2)

where J_0 is the angle of inclination of the undeformed slope, and X is the coefficient dependent on the streamflow over the slope qo and the diameter of the pebbles d. The 2 graphs for the determination of χ , depending on the size of the streamflow, are given in fig.2, while d is determined by the formula $(d_{50} + .017) \frac{3}{\sqrt{\frac{d_{90}}{d_{50}}}} - .017$ (cm)

$$(d_{50} + .017)$$
 $\sqrt[3]{\frac{d_{90}}{d_{50}}} - .017 \text{ (cm)}$, (4)

where d_{90} is the size of the particles of which the earth contains less than 90% (in weight), The height of the leak h for slopes on an impervious foundation is fixed according to G.K. Mikhaylov's

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CIA-RDP86-00513R001549120019-9"

APPROVED FOR RELEASE: 07/13/2001

SOV/98-59-10-11/20

The Filtration Resistance of Sand Slopes

formula
$$h_B = (m + .5) \frac{q_0}{k}$$
, (5)

where k is the coefficient of filtration of the earth, and m is the estimated amount of deposit on the slope. Hence the length of the tongue of alluviation 1 may be calculated according to formula (1). In the case of slopes with pervious foundations of power T, the value q_0 may be related to the height of the leak h_R thus:

$$\frac{q_o}{k} = \frac{h_B + .75T}{T + (m + .5) h_R} h_B. \tag{7}$$

On the other hand, the relation has previously been established between h_B and the complete discharge of the filtration stream q, so that

$$h_{B} = \sqrt{.25(T - \frac{mq}{k})^{2} + .45 \frac{q}{k} T - .5(T - \frac{mq}{k})}, (8)$$

where

$$\frac{q}{k} = \frac{H(H + 2T)}{2L} . \tag{8a}$$

Card 3/5 With the aid of equations 7 and 8, a graph can be drawn to illu-

SOV/98-59-10-11/20

The Filtration Resistance of Sand Slopes

strate the relation between $\frac{q_0}{q}$ and $\overline{mq} = \frac{mq}{kT}$ (Fig.3). It can also

happen that alluviation of the filtering part of the slope tends to deform the slope as a whole, and the amount of this deformation is determined by the formula

 $\triangle 1 = \frac{h_B^2}{2H_0} \left(\frac{1}{J_c} - \frac{1}{tg\varphi} \right) .$ (9)

The best solution is to install a filter layer at the leak point, but the author criticizes the methods advocated by V.S. Istomina (Ref.8) and B.I. Pokrovskiy. The lay-out used in tests to determine the importance of the size of the particles and the streamflow in the filter is given in fig.4; the material used for the slope remained constant ($d_{10} = .12 \text{ mm}, d_{50} = .18 \text{ mm}$), while the

composition of the filtration layer changed; the results are given in the table on page 43. On the basis of these tests the author in the table on recommends the formula $\frac{p_{10}}{d_{50}}$ < 15-20

(10)

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sov/98-59-10-11/20

The Filtration Resistance of Sand Slopes

for the protection of slopes, and proposes that V.S. Istomina's graphs be used. The safe thickness of the filter layer is calculated as $\alpha_o = \alpha + \frac{k}{k_p} h_B , \qquad (11)$

where k is the coefficient of filtration of the filtration layer (Fig.5). There are 3 graphs, 2 diagrams, 1 table, and 8 references, 6 of which are Soviet, and 2 German.

Card 5/5

SHESTAKEY V.M.

PHASE I BOOK EXPLOITATION

SOV/4912

- Vorobkov, Lev Nikolayevich, Vladimir Matveyevich Gavrilko, Petr Vladimirovich Lobachev, and Vsevolod Mikaylovich Shestakov
- Vodoponizheniye v gidrotekhnicheskom stroitel stve (Lowering the Water Table in Hydrotechnical Construction) Moscow, 4,000 copies Gosstroyizdat, 1960. 243 p. Errata slip inserted.
- Scientific Ed.: Yu. G. Trofimenkov, Candidate of Technical Sciences; Ed. of Publishing House: P. V. Safonov; Tech. Ed.:
- PURPOSE: This book is intended for engineering and technical personnel in hydrotechnical construction who are occupied with problems of lowering water tables. The book may also be of interest to mining personnel.
- COVERAGE: The authors discuss the designing and calculation of systems for lowering water tables. They deal chiefly with

Card 1/7-

Lowering the Water Table (Cont.)

SOV/4912

large systems used in excavations for water works. Problems in installing the lowering apparatus are discussed. Special attention is given to the method using deep wells. Considerable space is given to the question of designing drainage systems for open-cut mine workings. L. N. Vorobkov wrote Sec. 1 of Ch. I, Sec. 1 of Ch. II, Sec. 1 of Ch. IV, and Secs. 1 and 2 of Ch. VII. V. M. Gavrilko wrote Ch. V and Secs. 1, 2, 3, 5, and ó of Ch. VI. P. V. Lobachev wrote Secs. 3 and 4 of Ch. II; Secs. 2 and 3 of Ch. IV, and Sec. 4 of Ch. VII. Secs. 2 and 3 of Ch. II, and Sec. 4 of Ch. VI were written by V. M. Shestakov. Sec. 3 of Ch. VII was based on materials supplied by Engineer A. O. Shestopal. The authors thank Candidates of Technical Sciences V. M. Grigor'yev and Yu. G. Trofimenkov for their assistance. There are 100 references: 87 Soviet, 5 German, 6 English, and 2 French.

TABLE OF CONTENTS:

Introduction

3

Card-2/7

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001549120019-9"

VERIGIN, N.N.; ORADOVSKAYA, A.Ye.; SHESTAKOV, V.M., kand.tekhm.nauk, red.

[Methodological instructions for the calculation of solution processes in saline soils in the bodies and foundations of hydraulic structures] Metodicheskie ukazaniia po otsenke rastovoreniia zasolennykh gruntov v tele i osnovanii gidrotekhnicheskikh sooruzhenii. Moskva. Akad.stroit.i arkhit. 1960. 37 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut vodosnabzheniia, kanalizatsii, gidrotekhnicheskikh sooruzhenii i inzhenernoi gidrogeologii. Iaboratoriia inzhenernoi gidrogeologii. Iaboratoriia inzhenernoi gidrogeologii. Iaboratoriia inzhenernoi gidrogeologii. Informatsionnye materialy, no.15).

(Hydraulic structures) (Saline and Alkali soils)

MILIKHIKER, Sh.G., inzh.; SHESTAKOY, V.M., kund.tekhn.nauk

New methods for calculating a system of water-level lowering wells
in artesian horizons. Trudy Gidroproekta 3:251-268 '60.
(MIRA 13:7)

1. Otdel inzhenernoy geologii Vassoyuznogo proyektno-izyskatel skogo
i nauchno-issledovatel skogo instituta "Gidroproyekt" imeni S.Ya.
i nauchno-issledovatel skogo instituta "Gidroproyekt" imeni S.Ya.
Zhuka (for Milikhiker). 2. Vassoyuznyn nauchno-issledovatel skly
institut vodosnabzheniya, kanalizateli, gidrotekhnicheskikh
institut vodosnabzheniya, kanalizateli, gidrotekhnicheskikh
sooruzheniy i inzhenernoy gidrogeologii (for Shestakov).
sooruzheniy i inzhenernoy Station region--Water, Underground)
(Stalingrad Hydroelectric Power Station region--Water, Underground)
(Hydraulic engineering)

Filtration studies of the tailing storage pond at the
Kadzharan Copper-Molybdenum Combine. TSvet.mc%. 33
no.5:10-14 My 160. (MIRA 13:7)
(Khadzharan--Monferrous metals--Metallurgy)
(Tailings (Metallurgy))

SHESTAKOV, V.M.

New types of protective housings for piezometers.

(MIRA 15:7)

Razved. i okh. nedr 26 no.7:51-54 Jl '60.

1. Vsesoyuznyy nauchno-issledovatel skiy institut vodosnabzheniya, kanalizatsii, gidrotekhnicheskikh sooruzheniy i inzhenernoy gidrogeologii. (Piezometer)

SHESTAKOV, V. M. (URSS)

"The problems of filtrations computations of perfect and imperfect wells." Presented at the Symposium on Methods of Evaluating Resources of Underground Water with Emphasis on Arid Zone Problems, Athens 11-20 Oct 1961

SHESTAKOV, V.M.

Mixing of waste waters in rivers. Vod. i san. tekh. no.7/15-18

J1 '61.

(Sewage disposal)

SHESTAKOV, V.M. (Moscow)

Theory of sorption dynamics in filtration through granular materials. Zhur.fiz.khim. 35 no.10:2358-2362 0 '61. (MIRA 14:11)

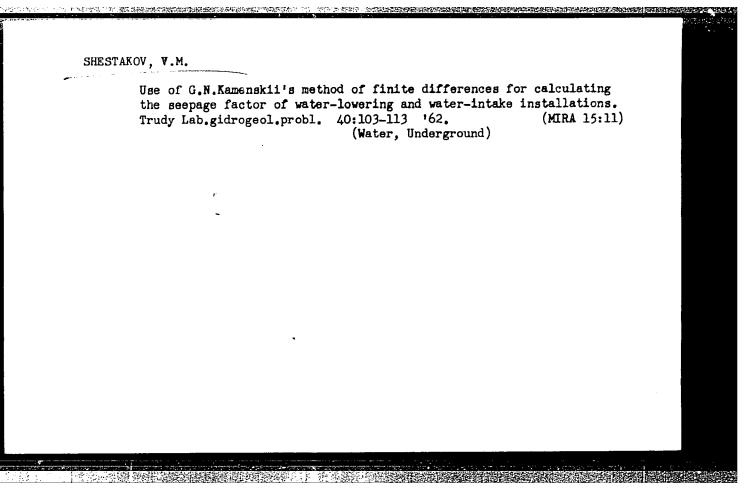
1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova. (Granular materials) (Sorption) (Filters and filtration)

Use of a combined drainage system in draining foundation trenches in sandy soil. Gidr.stroi. 32 no.4:28-30 Ap 162. (MIRA 15:4) (Drainage) (Dame—Foundations)

SHESTAKOV, V.M. (Moskva)

Percolation at pressure levels during the digging of trenches or pits. Izv.AN SSSR.Otd.tekh.nauk.Mekh.i mashinostr. no.2:133-135 Mr-Ap '62. (MIRA 15:5)

(Water, Underground)



Using data from test samples taken under conditions of unsteady flow to determine the hydrogeological parameters of a layer.

Razved. i okh. nedr 28 no.12:35-42 D '62. (MIRA 16:5)

1. Moskovskiy gosudarstvennyy universitet.
(Water, Underground)

CANNER MANAGEMENT OF THE PROPERTY OF THE PROPE

SHESTAKOV, V.M.

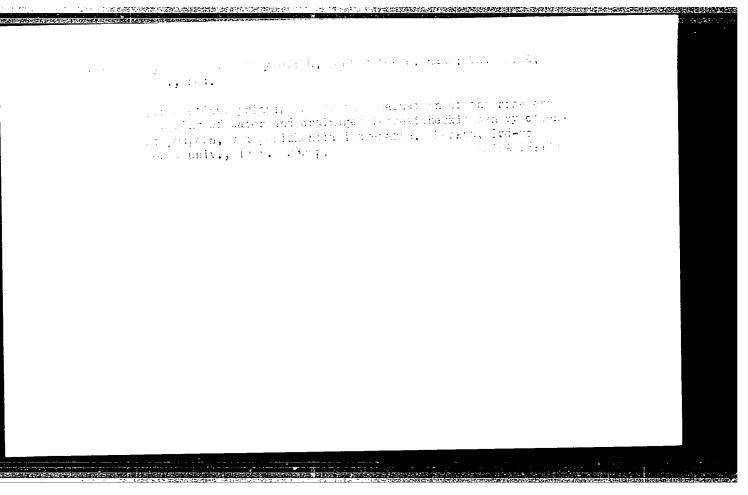
Effect of the elastic drive of seepage in separate layers on the interaction of aquifers. Izv.vys.ucheb.zav.; æol. i razv. 6 no.10: 92-98 0 163. (MIRA 18:4)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.

SHESIAKOT, V.M.

Estimating the resistance of the bad of boddes of vater in hydrogeological calculations. Racred. 1 okh. nadr. 30 no.5134-38 My 164.

1. Moekovskiy goeularstvennyy universited.



S/081/62/000/017/096/102 B177/B186

AUTHORS:

Belyy, V. A., Shentakov, V. M.

TITLE:

On the use of certain polymers for sliding bearings

PERIODICAL:

Referativnyy zhurnal. Khimiya, no. 17, 1962, 546, abstract 17895 (Sb. tr. In-t. mashinoved. i avtomatiz. AN BSSR no. 2,

1961, 93 - 115)

TEXT: The basic requirements for bearing materials are stated. The properties of fluoroplast-4 and caprone and their use as bearing materials are described and also the design and manufacture of caprone sliding bearings. [Abstracter's note: Complete translation.]

Card 1/1